

September 2016 Quota & Excess Prices Determination for Montana

	Quota Delivered (lbs)	Excess Delivered (lbs)	Total Delivered (lbs)
Skim	21,050,165	953,389	22,003,554
Butterfat	825,602	37,036	862,638
Milk	21,875,767	990,425	22,866,192
% of Total Production	95.67%	4.33%	100.00%

SKIM						
	Skim Value (\$)	Additional Value of Reclassified Pool Milk - Skim (\$)	Skim Utilization Value (\$)	Skim - Announced Price (\$/lb)	Utilization of Month's Production - Skim (lbs)	% of Total Production Utilized - SKIM
Class I	\$ 1,449,452.08	\$0.00	\$ 1,449,452.08	\$ 0.1072487	13,514,868	61.42%
Class II	\$ 38,551.20	\$0.00	\$ 38,551.20	\$ 0.0666321	578,568	2.63%
Class III	\$ 468,397.64		\$ 468,397.64	\$ 0.0592150	7,910,118	35.95%
	\$ 1,956,400.91				22,003,554	100.00%
Calculation of Poolwide Value of Skim:						
	\$ 1,956,400.91	Skim Value				
	\$ 207,669.97	Gain / Loss on Out-of-State Sale of Surplus before Hauling				
	\$ (28,704.46)	Out-of-State Surplus Hauling				
	\$ (39,683.36)	In-State Surplus Hauling				
	\$ 2,095,683.06	Poolwide Value of Skim				
	\$ 27,736.50	1/2 of Prior Month's Settlement Fund Balance				
	\$ (26,250.92)	Less: Quota Milk Delivered * \$0.12/cwt				
	\$ 2,097,168.64	Adjusted Poolwide Value of Skim				
	22,003,554	Total Skim Delivered (lbs)				
	\$ 0.0953105	Poolwide Value of Skim (\$/lb)				
Quota Skim Price Calculation:						
	\$ 0.0150000	Quota/Excess Differential (\$/lb): \$1.50/cwt / 100 lbs/cwt				
	4.33139%	Excess % of Total Production				
	\$ 0.0006497	Quota Differential for Skim (\$/lb)				
	\$ 0.0953105	Poolwide Value of Skim (\$/lb)				
	\$ 0.0959602	Quota Blend Price for Skim (\$/lb)				
Excess Skim Price Calculation:						
	\$ (0.0150000)	Quota/Excess Differential (\$/lb): \$1.50/cwt / 100 lbs/cwt				
	95.66861%	Quota % of Total Production				
	\$ (0.0143503)	Excess Differential (\$/lb)				
	\$ 0.0953105	Poolwide Value of Skim (\$/lb)				
	\$ (0.0143503)	Less: Excess Differential (\$/lb)				
	\$ 0.0809602	Excess Blend Price for Skim (\$/lb)				

Blend Prices @ 3.5% butterfat test		
\$ 9.2602	Quota Value for Skim Portion of cwt of milk testing 3.5% butterfat *	
\$ 7.5237	Quota Value for Butterfat Portion of cwt of milk testing 3.5% butterfat *	
\$ 16.7839	Quota Blend Price (\$/cwt for milk testing 3.5% butterfat) *	
\$ 7.8127	Excess Value for Skim Portion of cwt of milk testing 3.5% butterfat *	
\$ 7.4712	Excess Value for Butterfat Portion of cwt of milk testing 3.5% butterfat *	
\$ 15.2839	Excess Blend Price (\$/cwt for milk testing 3.5% butterfat) *	

BUTTERFAT						
	Butterfat Value (\$)	Additional Value of Reclassified Pool Milk - Butterfat (\$)	Butterfat Utilization Value (\$)	Butterfat - Announced Price (\$/lb)	Utilization of Month's Production - Butterfat (lbs)	% of Total Production Utilized - BUTTERFAT
Class I	\$ 630,425.89	\$ -	\$ 630,425.89	\$ 2.5030	251,868	29.20%
Class II	\$ 188,181.60	\$0.00	\$ 188,181.60	\$ 2.4000	78,409	9.09%
Class III	\$ 1,035,175.96		\$ 1,035,175.96	\$ 1.9445	532,361	61.71%
	\$ 1,853,783.46				862,638	100.00%
	\$ 1,853,783.46	Poolwide Value of Butterfat				
	862,638	Total Butterfat Delivered (lbs)				
	2.148970316	Poolwide Value of Butterfat (\$/lb)				
Quota Butterfat Price Calculation:						
	\$ 0.0150000	Quota/Excess Differential (\$/lb): \$1.50/cwt / 100 lbs/cwt				
	4.33139%	Excess % of Total Production				
	\$ 0.0006497	Quota Differential for Butterfat (\$/lb)				
	\$ 2.1489703	Poolwide Value of Butterfat (\$/lb)				
	\$ 2.1496200	Quota Blend Price for Butterfat (\$/lb)				
Excess Butterfat Price Calculation:						
	\$ (0.0150000)	Quota/Excess Differential (\$/lb): \$1.50/cwt / 100 lbs/cwt				
	95.66861%	Quota % of Total Production				
	\$ (0.0143503)	Excess Differential (\$/lb)				
	\$ 2.1489703	Poolwide Value of Butterfat (\$/lb)				
	\$ (0.0143503)	Less: Excess Differential (\$/lb)				
	\$ 2.1346200	Excess Blend Price for Butterfat (\$/lb)				

* Rounded to four decimal places